



Reply To: 3460

Date: December 17, 1992

Holliday H. Obrecht III  
Patuxent Wildlife Research Center  
USDI Fish and Wildlife Service  
Laurel, MD 20708

Dear Holly:

On October 7, 13 and 15, 1992, USDA Forest Service personnel conducted a gypsy moth egg mass survey at Patuxent Wildlife Research Center (PWRC). The purpose of the survey was to evaluate this year's treatment at PWRC and to determine if treatment would be necessary in 1993.

The results of the survey are presented in Table 1. The survey plot locations along with the 1992 treatment areas are shown in Figure 1. In brief, egg mass densities ranged from 0-960 and averaged 43 egg masses per acre. Within the treatment areas, no egg masses were detected. This represents a 100 percent reduction from the pre-treatment level of 952 egg masses per acre. Egg mass densities in untreated areas also declined from the pre-treatment level of 236 egg masses per acre to their present level of 56 egg masses per acre.

The current gypsy moth population at PWRC is relatively low and is probably due to the effects of the suppression project and natural decline. No noticeable defoliation is expected at PWRC so treatment is not necessary in 1993.

If you have any questions or require additional information, please call me at 304-285-1541.

Sincerely,

RODNEY L. WHITEMAN  
Forestry Technician  
Forest Health Protection

Enclosures

cc: AO  
Robert Tichenor  
Sally Hughes

RLW/ct



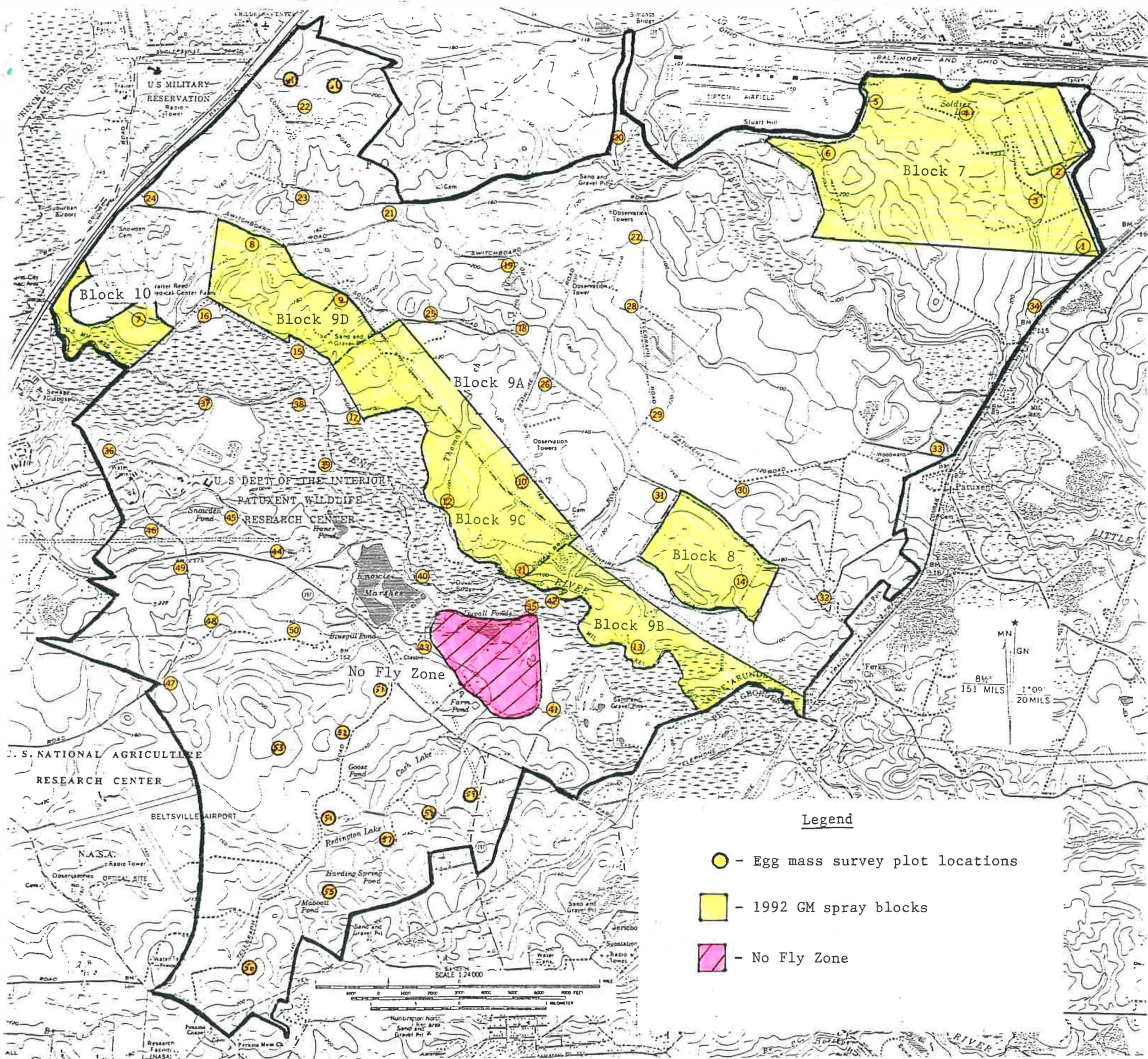
Table 1 -- Gypsy Moth Egg Mass Survey Results at  
 Patuxent Wildlife Research Center,  
 October 7, 13 and 15, 1992.

PLOT #	# EM/Acre	PLOT #	# EM/Acre
1	0	32	0
2	0	33	0
3	0	34	40
4	0	35	0
5	0	36	0
6	0	37	0
7	0	38	0
8	0	39	0
9	0	40	0
10	0	41	80
11	0	42	40
12	0	43	0
13	0	44	0
14	0	45	0
15	40	46	0
16	0	47	0
17	120	48	0
18	40	49	0
19	0	50	40
20	200	51	120
21	80	52	40
22	960	53	160
23	80	54	0
24	0	55	0
25	80	56	0
26	0	57	0
27	40	58	0
28	0	59	0
29	0	60	240
30	40	61	200

Range = 0-960 EM/Acre  
 Average = 43 EM/Acre



Figure 1. -- Egg mass survey plot and spray block locations at Patuxent Wildlife Research Center for 1992.



Legend

- - Egg mass survey plot locations
- - 1992 GM spray blocks
- - No Fly Zone